

Axiall 1275 Plenum Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Plenum-grade optical fiber jacket. UL QMTM2 recognized component for plenum cable compound. Information provided by Georgia Gulf/Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-1275-Plenum-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.61 - 1.65 g/cc	1.61 - 1.65 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50 - 56	50 - 56	delayed; ASTM D-2240
Tensile Strength, Yield	17.9 MPa	2600 psi	ASTM D-638
Elongation at Yield	128 %	128 %	Air Aging: 7 days @ 100°C; UL 1581
	160 %	160 %	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-5.00 °C	23.0 °F	ASTM D-746
Oxygen Index	42 %	42 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.59	4.59	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Melt Temperature	191 °C	375 °F	

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